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NEWS 5 JAN 28 MARPAT searching enhanced
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NEWS 7 JAN 28 TOXCENTER enhanced with reloaded MEDLINE segment
NEWS 8 JAN 28 MEDLINE and LMEDLINE reloaded with enhancements
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NEWS 15 MAR 31 CAS REGISTRY enhanced with additional experimental spectra
NEWS 16 MAR 31 CA/Caplus and CASREACT patent number format for U.S. applications updated
NEWS 17 MAR 31 LPCI now available as a replacement to LDPCI
NEWS 18 MAR 31 EMBASE, EMBAL, and LEMBASE reloaded with enhancements
NEWS 19 APR 04 STN AnaVist, Version 1, to be discontinued
NEWS 20 APR 15 WPIDS, WPINDEX, and WPIX enhanced with new predefined hit display formats
NEWS 21 APR 28 EMBASE Controlled Term thesaurus enhanced
NEWS 22 APR 28 IMSRESEARCH reloaded with enhancements
NEWS 23 MAY 30 INPAFAMDB now available on STN for patent family searching
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NEWS 25 JUN 06 EPFULL enhanced with 260,000 English abstracts
NEWS 26 JUN 06 KOREPAT updated with 41,000 documents
NEWS 27 JUN 13 USPATFULL and USPAT2 updated with 11-character patent numbers for U.S. applications
NEWS 28 JUN 19 CAS REGISTRY includes selected substances from web-based collections
NEWS 29 JUN 25 CA/Caplus and USPAT databases updated with IPC reclassification data
NEWS 30 JUN 30 AEROSPACE enhanced with more than 1 million U.S.

NEWS 31 JUN 30 patent records
EMBASE, EMBAL, and LEMBASE updated with additional options to display authors and affiliated organizations

NEWS 32 JUN 30 STN on the Web enhanced with new STN AnaVist Assistant and BLAST plug-in

NEWS 33 JUN 30 STN AnaVist enhanced with database content from EPFULL

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FILE 'HOME' ENTERED AT 16:38:51 ON 10 JUL 2008

FILE 'REGISTRY' ENTERED AT 16:38:56 ON 10 JUL 2008
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 9 JUL 2008 HIGHEST RN 1033322-45-0
DICTIONARY FILE UPDATES: 9 JUL 2008 HIGHEST RN 1033322-45-0

New CAS Information Use Policies. Enter HELP USAGETERMS for details.

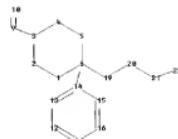
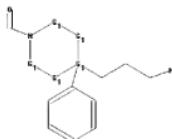
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Uploading C:\Program
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chain nodes :
9 10 19 20 21 22
ring nodes :
1 2 3 4 5 6 11 12 13 14 15 16
chain bonds :
3-9 6-14 6-19 9-10 19-20 20-21 21-22
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 11-12 11-16 12-13 13-14 14-15 15-16
exact/norm bonds :
1-2 1-6 2-3 3-4 3-9 4-5 5-6 6-14 6-19 9-10 19-20 20-21 21-22
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isolated ring systems :
containing 1 : 11 :

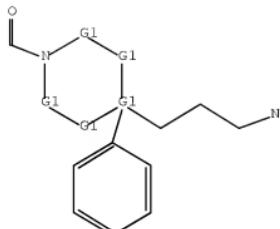
G1:C,O

G2:C,N

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 9:CLASS 10:CLASS 11:Atom 12:Atom
13:Atom 14:Atom 15:Atom 16:Atom 19:CLASS 20:CLASS 21:CLASS 22:CLASS

L1 STRUCTURE UPLOADED

=> d L1
L1 HAS NO ANSWERS
L1 STR



G1 C,O
G2 C,N

Structure attributes must be viewed using STN Express query preparation.

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COST IN U.S. DOLLARS		SINCE FILE	TOTAL
FULL ESTIMATED COST		ENTRY	SESSION
		0.46	0.67

FILE 'CAPLUS' ENTERED AT 16:39:27 ON 10 JUL 2008
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FILE COVERS 1907 - 10 Jul 2008 VOL 149 ISS 2
FILE LAST UPDATED: 9 Jul 2008 (20080709/ED)

Caplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply. They are available for your review at:

<http://www.cas.org/legal/infopolicy.html>

=> s L1 SSS full
REGISTRY INITIATED
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

FULL SEARCH INITIATED 16:39:31 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 56352 TO ITERATE

100.0% PROCESSED 56352 ITERATIONS
SEARCH TIME: 00.00.01

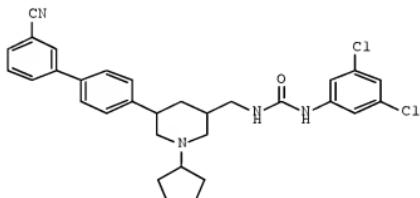
19 ANSWERS

L2 19 SEA SSS FUL L1

L3 5 L2

=> d ibib abs hitstr 1-
YOU HAVE REQUESTED DATA FROM 5 ANSWERS - CONTINUE? Y/(N):y

L3 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2006:548760 CAPLUS Full-text
DOCUMENT NUMBER: 145:210853
TITLE: Synthesis and structure-activity relationships of
piperidine-based melanin-concentrating hormone
receptor 1 antagonists
AUTHOR(S): Wu, Wen-Lian; Burnett, Duane A.; Spring, Richard;
Qiang, Li; Sasikumar, Thavalakulamgara K.; Domalski,
Martin S.; Greenlee, William J.; O'Neill, Kim; Hawes,
Brian E.
CORPORATE SOURCE: Schering Plough Research Institute, Kenilworth, NJ,
07033-0539, USA
SOURCE: Bioorganic & Medicinal Chemistry Letters (2006),
16(14), 3668-3673
CODEN: BMCL8; ISSN: 0960-894X
PUBLISHER: Elsevier B.V.
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 145:210853
GI



I

AB Isosteric replacement of the urea group of lead compound I led to novel substituted piperidine phenylamide analogs. SAR on the electron-induced effects of various linkers as well as substituents on the Ph rings and the

piperidine nitrogen has been investigated. Many single-digit nanomolar MCH R1 antagonists have been identified from this series.

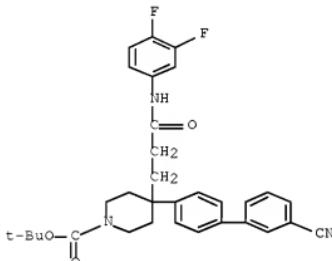
IT 538323-78-3P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent)

(preparation and structure-activity relationships of piperidine-based melanin-concentrating hormone receptor 1 antagonists)

RN 538323-78-3 CAPLUS

CN 1-Piperidinocarboxylic acid, 4-(3'-cyano[1,1'-biphenyl]-4-yl)-4-[3-[(3,4-difluorophenyl)amino]-3-oxopropyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)



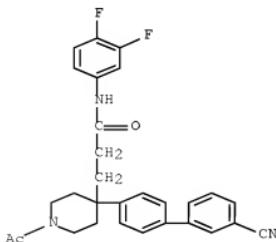
IT 538323-96-5P 538324-00-4P 538324-02-6P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

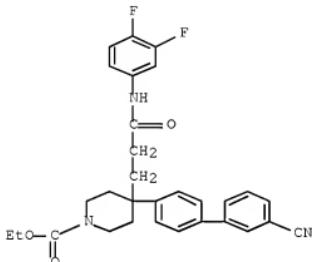
(preparation and structure-activity relationships of piperidine-based melanin-concentrating hormone receptor 1 antagonists)

RN 538323-96-5 CAPLUS

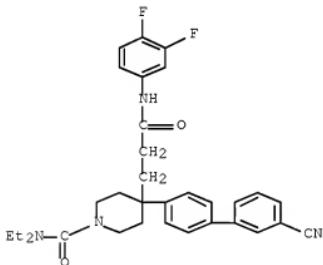
CN 4-Piperidinopropanamide, 1-acetyl-4-(3'-cyano[1,1'-biphenyl]-4-yl)-N-(3,4-difluorophenyl)- (CA INDEX NAME)



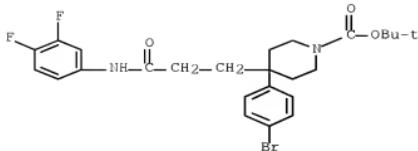
RN 538324-00-4 CAPLUS
CN 1-Piperidinecarboxylic acid, 4-(3'-cyano[1,1'-biphenyl]-4-yl)-4-[3-[(3,4-difluorophenyl)amino]-3-oxopropyl]-, ethyl ester (CA INDEX NAME)



RN 538324-02-6 CAPLUS
CN 4-Piperidinopropanamide, 4-(3'-cyano[1,1'-biphenyl]-4-yl)-1-[(diethylamino)carbonyl]-N-(3,4-difluorophenyl)- (CA INDEX NAME)



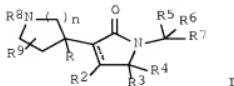
IT 538324-34-4
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and structure-activity relationships of piperidine-based melanin-concentrating hormone receptor 1 antagonists)
RN 538324-34-4 CAPLUS
CN 1-Piperidinecarboxylic acid, 4-(4-bromophenyl)-4-[3-[(3,4-difluorophenyl)amino]-3-oxopropyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)



REFERENCE COUNT: 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 2005:472146 CAPLUS Full-text
 DOCUMENT NUMBER: 143:26500
 TITLE: Preparation of piperidinylpyrrolidinones for treatment of conditions mediated by tachykinins and the serotonin reuptake transporter
 INVENTOR(S): Alvaro, Giuseppe; Di Fabio, Romano; Giovannini, Riccardo; Paio, Alfredo; Tranquillini, Maria Elvira; Mattioli, Lucia
 PATENT ASSIGNEE(S): Glaxo Group Limited, UK
 SOURCE: PCT Int. Appl., 108 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005049600	A1	20050602	WO 2004-EP12772	20041110
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2004291296	A1	20050602	AU 2004-291296	20041110
CA 2546007	A1	20050602	CA 2004-2546007	20041110
EP 1689737	A1	20060816	EP 2004-797809	20041110
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK, HR, IS				
CN 1878764	A	20061213	CN 2004-80033397	20041110
BR 2004016285	A	20070123	BR 2004-16285	20041110
JP 2007510692	T	20070426	JP 2006-538791	20041110
IN 2006DN01767	A	20070831	IN 2006-DN1767	20060331
MX 2006PA05308	A	20060711	MX 2006-PA5308	20060511
NO 2006002661	A	20060609	NO 2006-2661	20060609
PRIORITY APPLN. INFO.:			GB 2003-26407	A 20031112
			WO 2004-EP12772	W 20041110



AB Title compds. [I; dotted line = optional double bond; R = (substituted) Ph, methylenedioxophenyl, benzofuryl; R2 = H, alkyl; R3 = H, OH, alkyl; R4 = H; R3R4 = O, CH2; R5 = (substituted) Ph, naphthyl, 9-10 membered fused bicyclic heterocyclyl, 5-6 membered heteroaryl; R6, R7 = H, cyano, alkyl; R8 = (CH2)rR10; R9 = H, halo, C3-7 cycloalkyl, OH, NO2, cyano, (substituted) alkyl; R10 = H, C3-7 cycloalkyl; n = 1, 2; r = 1-4], were prepared Thus, 1,1-dimethylethyl 4-[1-[(3,5-dichlorophenyl)methyl]-5- hydroxy-2-oxo-3-pyrrolidinyl]-4-(4-fluorophenyl)-1-piperidinecarboxylate (preparation given) was heated with CF3CO2H at 60° for 3 h to give 1-[(3,5-dichlorophenyl)methyl]-3-[4-(4-fluorophenyl)-4-piperidinyl]-1,5- dihydro-2H-pyrrol-2-one. The latter and other I showed NK1 receptor binding with pKi = 8.65-8.07.

IT 952880-51-4P 852880-52-5P 852880-53-6P

952880-54-7P 852880-57-6P

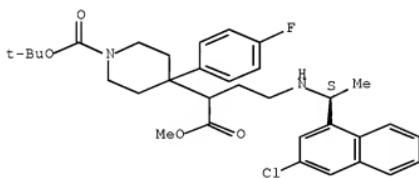
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of piperidinylpyrrolidinones for treatment of conditions mediated by tachykinins and the serotonin reuptake transporter)

RN 852880-51-4 CAPLUS

CN 4-Piperidineacetic acid, α -[2-[(1S)-1-(3-chloro-1-naphthalenyl)ethyl]aminoethyl]-1-[(1,1-dimethylethoxy)carbonyl]-4-(4-fluorophenyl)-, methyl ester (CA INDEX NAME)

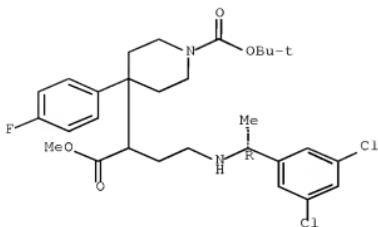
Absolute stereochemistry.



RN 852880-52-5 CAPLUS

CN 4-Piperidineacetic acid, α -[2-[(1R)-1-(3,5-dichlorophenyl)ethyl]aminoethyl]-1-[(1,1-dimethylethoxy)carbonyl]-4-(4-fluorophenyl)-, methyl ester (CA INDEX NAME)

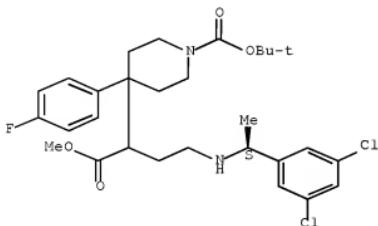
Absolute stereochemistry.



RN 852880-53-6 CAPLUS

CN 4-Piperidineacetic acid, α -[2-[(1S)-1-(3,5-dichlorophenyl)ethyl]amino]ethyl]-1-[(1,1-dimethylethoxy)carbonyl]-4-(4-fluorophenyl)-, methyl ester (CA INDEX NAME)

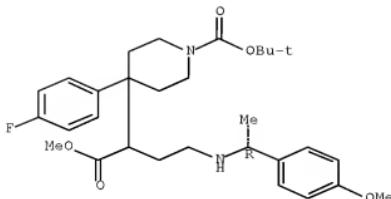
Absolute stereochemistry.



RN 852880-54-7 CAPLUS

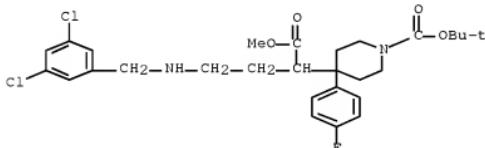
CN 4-Piperidineacetic acid, 1-[(1,1-dimethylethoxy)carbonyl]-4-(4-fluorophenyl)- α -[2-[(1R)-1-(4-methoxyphenyl)ethyl]amino]ethyl-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.



RN 852880-87-6 CAPLUS

CN 4-Piperidineacetic acid, α -[2-[(3,5-dichlorophenyl)methyl]aminoethyl]-1-[(1,1-dimethylethoxy)carbonyl]-4-(4-fluorophenyl)-, methyl ester
(CA INDEX NAME)



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2003:434534 CAPLUS [Full-text](#)

DOCUMENT NUMBER: 139:22111

TITLE: Preparation of piperidine-based MCH antagonists for treatment of obesity and CNS disorders

INVENTOR(S): Burnett, Duane A.; Wu, Wen-Lian

PATENT ASSIGNEE(S): Schering Corporation, USA

SOURCE: PCT Int. Appl., 79 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

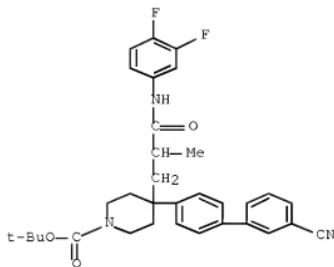
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
 FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF,
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 CA 2467857 A1 20030605 CA 2002-2467857 20021125
 AU 2002350269 A1 20030610 AU 2002-350269 20021125
 AU 2002350269 B2 20060518
 US 20030199549 A1 20031023 US 2002-303205 20021125
 US 6664273 B2 20031216
 EP 1448526 A1 20040825 EP 2002-786803 20021125
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 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK
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 HU 2004002404 A2 20050329 HU 2004-2404 20021125
 JP 2005510563 T 20050421 JP 2003-547370 20021125
 ZA 2004003784 A 20050519 ZA 2004-3784 20040517
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 PRIORITY APPLN. INFO.: US 2001-333367P P 20011126
 OTHER SOURCE(S): MARPAT 139:22111
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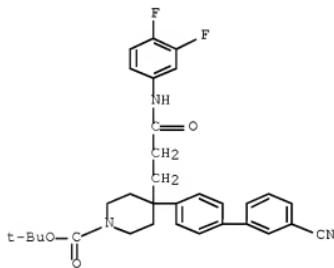
* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Title compds. I [Ar1, R10 = (un)substituted (hetero)aryl, etc.; R1 = H, alkyl, aryl, aryloxyalkyl, etc.; R2-3 = H, alkyl; m = 0-2; n = 0, 2] are prepared. For instance, 4-(4-bromophenyl)-4-piperidinol is alkylated with cyclopentanone (CH2Cl2, HOAc, NaBH(OAc)3) and the product converted to the corresponding 4-amino derivative (CH3CN, H2SO4; HCl). This intermediate was coupled to 3-cyanophenylboronic acid (PhMe/MeOH, Pd(PPh3)4, Na2CO3) and subsequently alkylated with the appropriate bromoacetamide to give II. Compds. of the invention have Ki = 3 nM to 1500 nM for the melanin-concentrating hormone (MCH) receptor. I are antagonists for MCH and are useful for the treatment of obesity, metabolic disorders, eating disorders such as hyperphagia, and diabetes.
 IT 538323-62-5P 538323-78-3P 538323-96-5P
 538324-00-4P 538324-02-6P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of piperidine-based MCH antagonists for treatment of obesity and CNS disorders)
 RN 538323-62-5 CAPLUS
 CN 1-Piperidinecarboxylic acid, 4-(3'-cyano[1,1'-biphenyl]-4-yl)-4-[3-[(3,4-difluorophenyl)amino]-2-methyl-3-oxopropyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)



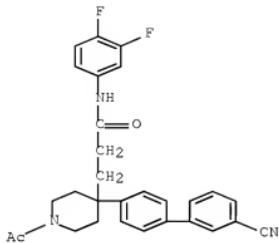
RN 538323-78-3 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-(3'-cyano[1,1'-biphenyl]-4-yl)-4-(3-((3,4-difluorophenyl)amino)-3-oxopropyl)-, 1,1-dimethylethyl ester (CA INDEX NAME)



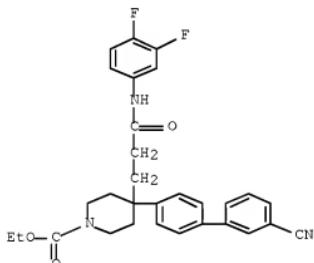
RN 538323-96-5 CAPLUS

CN 4-Piperidinopropanamide, 1-acetyl-4-(3'-cyano[1,1'-biphenyl]-4-yl)-N-(3,4-difluorophenyl)- (CA INDEX NAME)



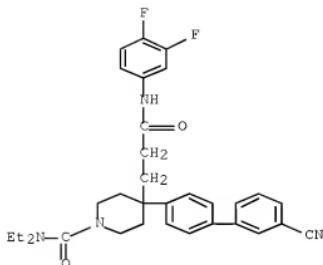
RN 538324-00-4 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-(3'-cyano[1,1'-biphenyl]-4-yl)-4-[3-((3,4-difluorophenyl)amino)-3-oxopropyl]-, ethyl ester (CA INDEX NAME)



RN 538324-02-6 CAPLUS

CN 4-Piperidinopropanamide, 4-(3'-cyano[1,1'-biphenyl]-4-yl)-1-[(diethylamino)carbonyl]-N-(3,4-difluorophenyl)- (CA INDEX NAME)

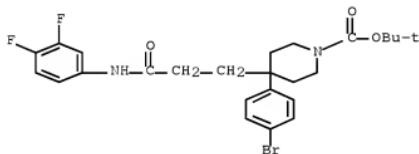


IT 538324-34-4P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of piperidine-based MCH antagonists for treatment of obesity and CNS disorders)

RN 538324-34-4 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-(4-bromophenyl)-4-[3-[(3,4-difluorophenyl)amino]-3-oxopropyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)



REFERENCE COUNT:

2

THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN

ACCESSION NUMBER: 2000:68365 CAPLUS [Full-text](#)

DOCUMENT NUMBER: 132:122932

TITLE: Preparation of peptides, peptidomimetics, and nonpeptides as medical and agrochemical antifungals.

INVENTOR(S): Bergnes, Gustave; Berlin, Vivian; Come, Jon; Kluge, Arthur; Murthi, Krishna; Pal, Kolloi

PATENT ASSIGNEE(S): Mitotix, Inc., USA

SOURCE: PCT Int. Appl., 287 pp.

DOCUMENT TYPE: Patent

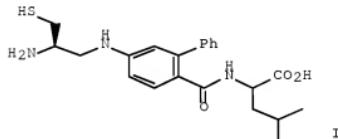
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000003743	A2	20000127	WO 1999-US16146	19990715
WO 2000003743	A3	20010201		
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 6423519	B1	20020723	US 1998-172845	19981015
CA 2335381	A1	20000127	CA 1999-2335381	19990715
AU 9951075	A	20000207	AU 1999-51075	19990715
EP 1096925	A2	20010509	EP 1999-935639	19990715
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002520372	T	20020709	JP 2000-559877 US 1998-115846 US 1998-172845 WO 1999-US16146	19990715 A 19980715 A 19981015 W 19990715
PRIORITY APPLN. INFO.:				

OTHER SOURCE(S): MARPAT 132:122932
GI



AB A method for inhibiting the growth of a fungal pathogen comprises contacting the pathogen with a compound, e.g., (R70)2NCH[(CH2)nR]C(Xa)NHCHR7 2C(Xb)NHCHR73C(Xc)NHCHR10CO2R11 (Xa, Xb, Xc = O, H2; R = SR1, SOR111, SO2R111, R1 = H, alkyl, alkenyl, aryl, acyl; R10 = alkyl, alkenyl, alkynyl, aryl, cycloalkyl, hydroxalkyl, amino acid sidechain, etc.; R11 = H, blocking group, pharmaceutically acceptable salt; R10R11 = atoms to form 5-7 membered ring; R111 = alkyl, alkenyl, (CH2)mR7; R70 = H, alkyl, alkenyl, alkynyl, aryl, acyl, amino acid sidechain, etc.; R72, R73 = H, alkyl, aryl, heteroaryl, amino acid sidechain, (CH2)mR7, etc.; m, n = 0-4), which inhibits prenyl transferase activity with MIC50<25 µg/mL. Thus, title compound (I) (solution phase preparation given) inhibited GGTase with IC50<10 nM.

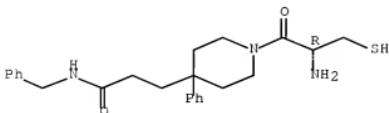
IT 256368-81-7P

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of peptides, peptidomimetics, and nonpeptides as medical and agrochem. antifungals)

RN 256368-81-7 CAPLUS
CN 4-Piperidinepropanamide, 1-[(2R)-2-amino-3-mercaptopro-1-oxopropyl]-4-phenyl-N-(phenylmethyl)- (CA INDEX NAME)

Absolute stereochemistry.

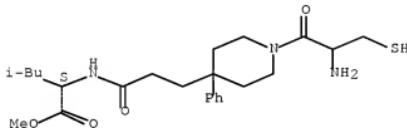


IT 256369-50-3 256369-62-7 256369-64-9
256369-73-0

RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(preparation of peptides, peptidomimetics, and nonpeptides as medical and agrochem. antifungals)

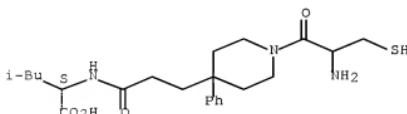
RN 256369-50-3 CAPLUS
CN L-Leucine, cysteinyl-4-phenyl-4-piperidinepropanoyl-, methyl ester (9CI)
(CA INDEX NAME)

Absolute stereochemistry.

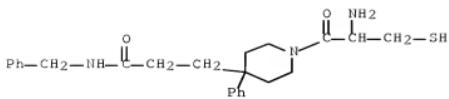


RN 256369-62-7 CAPLUS
CN L-Leucine, cysteinyl-4-phenyl-4-piperidinepropanoyl- (9CI) (CA INDEX NAME)

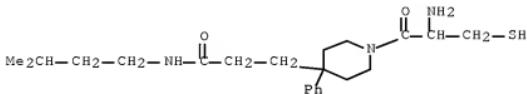
Absolute stereochemistry.



RN 256369-64-9 CAPLUS
CN 4-Piperidinepropanamide, 1-(2-amino-3-mercaptopro-1-oxopropyl)-4-phenyl-N-(phenylmethyl)- (CA INDEX NAME)

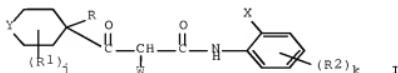


RN 256369-73-0 CAPLUS
 CN 4-Piperidinepropanamide, 1-(2-amino-3-mercaptopropanoyl)-N-(3-methylbutyl)-4-phenyl- (CA INDEX NAME)



L3 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2008 ACS on STN
 ACCESSION NUMBER: 1995:716906 CAPLUS Full-text
 DOCUMENT NUMBER: 123:97798
 ORIGINAL REFERENCE NO.: 123:17191a,17194a
 TITLE: Color photographic material
 INVENTOR(S): Kaneko, Yutaka; Asatake, Atsushi; Sugino, Motoaki
 PATENT ASSIGNEE(S): Konishiroku Photo Ind, Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 56 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 07128820	A	19950519	JP 1993-270871	19931028
PRIORITY APPLN. INFO.:			JP 1993-270871	19931028
GI				



AB In the title color photog. material comprising ≥ 1 Ag halide emulsion layers on its support, ≥ 1 of the emulsion layers contains an acylacetamide yellow coupler such as I (R = H, aliphatic, aromatic, heterocyclic group; R1 =

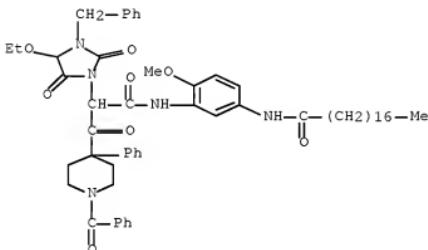
aliphatic, aromatic, heterocyclic group; $j = 0-8$; $R2$, $X =$ benzene ring substituent group; $k = 0-4$; $Y = O, NR3, S(O)l$; $R3 = H$, aliphatic, aromatic, or heterocyclic group, sulfonyl, sulfinyl, phosphonyl, acyl, oxycarbonyl, carbamoyl, sulfamoyl; $l = 0-2$; $W = H$, group releasable on coupling reaction with oxidized developing agent). This photog. material shows high color d. and low fog level.

IT 165740-79-4 165740-85-2 165740-92-1

RL: DEV (Device component use); USES (Uses)
(yellow photog. coupler)

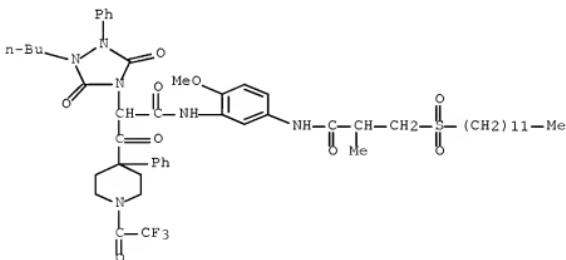
RN 165740-79-4 CAPLUS

CN 4-Piperidinopropanamide, 1-benzoyl- α -(4-ethoxy-2,5-dioxo-3-(phenylmethyl)-1-imidazolidinyl)-N-[2-methoxy-5-[(1-oxooctadecyl)aminophenyl]- β -oxo-4-phenyl- (CA INDEX NAME)



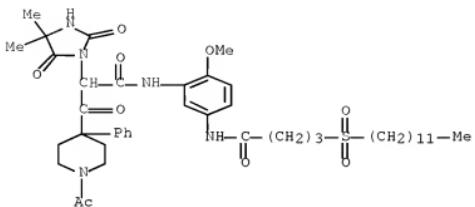
RN 165740-85-2 CAPLUS

CN 4-Piperidinopropanamide, α -(1-butyl-3,5-dioxo-2-phenyl-1,2,4-triazolidin-4-yl)-N-[5-[[3-(dodecylsulfonyl)-2-methyl-1-oxopropyl]amino]-2-methoxyphenyl]- β -oxo-4-phenyl-1-(trifluoroacetyl)- (9CI) (CA INDEX NAME)



RN 165740-92-1 CAPLUS

CN 4-Piperidinopropanamide, 1-acetyl- α -(4,4-dimethyl-2,5-dioxo-1-imidazolinyl)-N-[5-[(4-(dodecylsulfonyl)-1-oxobutyl]amino]-2-methoxyphenyl]- β -oxo-4-phenyl- (CA INDEX NAME)



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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:y
STN INTERNATIONAL LOGOFF AT 16:40:22 ON 10 JUL 2008